

ABSTRACT OF THE DISCLOSURE

The invention relates to an air-activating device made of material with magnetism or far infrared radiation. The air-activating device has a plurality of vent holes that are extended parallel to each other and whose internal diameter becomes smaller from inlet 5 toward outlet. The vent holes are closely disposed for reducing the clearance between every two inlets, thereby thinning the windward parts. Moreover, the air-activating body is suitable to be placed in an air filter of internal combustion engine or fixed in an air inlet pipe thereof. Thanks to the tapering structure of the vent holes, the airflow through the vent holes can be squeezed to increase the pressure and the flow rate of incoming air. Due 10 to the thinning of the windward parts, the windward resistance and the airflow disturbance are diminished. In addition, the magnetic lines of force or the far infrared radiation are utilized to activate the passing air for an effective increase of the engine performance and for a desired protection against air pollution.